| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|------|--|---|---------------------|---------|------------------|
| S1 | 2 | ("20050213919").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/26 15:50 |
| S2 | 2 | ("20050226561").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/26 16:29 |
| S3 | 2 | ("6317554").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/26 16:30 |
| S4 | 43 | (photon\$3 near2 crystal) with bend\$4 with (sharp tight) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/26 17:27 |
| S5 | 4 | (photon\$3 near2 band\$2gap) with bend\$4 with (sharp tight) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/26 16:39 |
| S6 | 108 | (photon\$3 near2 (crystal band\$2gap)) and (bend\$4 with (sharp tight)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/26 16:50 |
| S7 | 63 | S6 not (S4 S5) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/26 16:52 |
| S8 | 62 | S7 and (waveguide fiber fibre) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/26 16:40 |
| S9 | 8 | (photon\$3 near2 (crystal band\$2gap)) with (turn\$4 with (sharp tight)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/26 16:51 |

| S10 | 951 | (photon\$3 near2 (crystal band\$2gap)) with (mirror reflect\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/26 16:52 |
|-----|-----|--|---|----|-----|------------------|
| S11 | 306 | (photon\$3 near2 (crystal band\$2gap)) with (mirror reflect\$5) with (waveguide fiber fibre) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/26 16:57 |
| S12 | 58 | ("20020048422" "20030142902" "20030174961" "20040013384" "3095549" "4675620" "4961619" "5157756" "5526449" "5600483" "5682401" "5784400" "6052213" "6058127" "6093246" "6101300" "6134369").PN. OR ("6134369" "6198860" "6317554" "6804446").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/26 16:52 |
| S13 | 45 | S12 not (S4 S5 S7) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/26 17:06 |
| S14 | 31 | (photon\$3 near2 (crystal band\$2gap)) with (intersect\$5) with (waveguide fiber fibre) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/26 17:28 |
| S15 | 20 | S14 not (S4 S5 S7) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/26 17:04 |
| S16 | 2 | ("6937781").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/26 17:04 |
| S17 | 57 | 385/50.ccls. and (photon\$3 near2 (crystal band\$2gap)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/26 17:06 |
| S18 | 51 | S17 not (S15 S4 S5 S7) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/26 17:06 |

| S19 | 25 | ("5600483" "5682401" "6052213").PN. OR ("6134369"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/26 17:21 |
|-----|----|--|---|----|-----|------------------|
| S20 | 5 | ("20020048422" "20030142902" "20030174961" "20040013384" "6134369").PN. OR ("6804446"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/26 17:24 |
| S21 | 0 | (lattice near2 crystal) with bend\$4 with (sharp tight) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/26 17:27 |
| S22 | 5 | (lattice near2 (crystal)) with (intersect\$5) with (waveguide fiber fibre) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/26 17:29 |
| S23 | 4 | (periodic\$4 near2 (crystal)) with (intersect\$5) with (waveguide fiber fibre) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/26 17:29 |